



December 2, 2011 **RE-ISSUED 1/12/2012**

INFILTRATOR SYSTEMS INC.
GOVERNMENT AFFAIRS DEPARTMENT
6 BUSINESS PARK RD
PO BOX 768
OLD SAYBROOK CT 06475

Re: Description: SEWAGE TANKS, THERMOPLASTIC
Manufacturer: INFILTRATOR SYSTEMS INC.
Product Name: SEPTIC, SEPTIC/SEPTIC, SEPTIC/PUMP, PUMP OR HOLDING
Model Number(s): IM-1060
1094 GAL. ONE- OR 2-COMPARTMENT THERMOPLASTIC SEWAGE TANK; 1287 GAL.
ACTUAL CAPACITY WHEN USED AS A HOLDING TANK; 1094 GALS. **ACTUAL
CAPACITY WHEN USED AS A SEPTIC OR SEPTIC/SEPTIC; 733/361 GALS.;**
INJECTION MOLDED POLYETHYLENE OR POLYPROPYLENE RESIN, 2-SECTION
TANK WITH MID-LEVEL SEAM)

[44.0 IN. L.L., 6 IN. MIN. AND 48 IN. MAX. DEPTH OF BURY; 526 G.P.D. WHEN USED AS
A SEPTIC OR SEPTIC/SEPTIC TANK; 381 G.P.D WHEN USED AS SEPTIC/PUMP TANK
BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; SEE
ATTACHMENT FOR TANK CAPACITY IN ONE-INCH INCREMENTS; TANK DIMENSIONS
(OD) = 127 IN. L X 62.2 IN. W X 54.7 IN. H]

Product File No: 20110349

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of JANUARY 2016.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- Before this product is installed a warning label meeting the requirement of Comm s. 84.25(8)(b), Wis. Admin. Code must be securely attached to the manhole cover.

- **BEDDING:** Tank bedding consisting of native soil (without rocks or protrusions) or 4-inch depth of granular material—pea stone, sand or gravel. Anti-buoyancy control measures may be required if the IM-1060 tank is to be installed with less than 16 inches of soil backfill cover and the seasonal high groundwater table has the potential to rise above the elevation of the tank bottom. Otherwise, no control measures are required. If the seasonal high groundwater is higher than the elevation of the tank bottom at the time of installation, coverage with at least 16 inches of soil backfill cover will eliminate the need for anti-buoyancy control measures. For backfill depths of less than 16 inches, the need for anti-buoyancy control measures must be determined based on backfill cover depth and height of groundwater above the tank bottom. If the groundwater table has the potential to rise above the elevation of the tank bottom, see the attached document(s) for information on the types of controls and applicable backfill and groundwater conditions.
- This tank is approved to use the following:
 - . The tank is provided with 3 ports on each end (one from each side, one for the tank end) used for inlet and outlet piping, depending on site configuration(s);
 - . Four-inch diameter inlet and outlet piping, Schedule 40 or SDR 35.
 - . Department-approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - . Inlet/outlet pipe water tightness is provided through the use of a rubber gasket, Serco Septic-Tite gasket. See tank wall penetration detail in attached document(s).
 - . Mechanisms for pump electrical connections from riser lid or other locations in riser must be completed in conformance with the riser manufacturer's installation instructions.
 - . Compatible risers include 24-inch-diameter riser products—Infiltrator TW Riser, EZset by Infiltrator, Polylok®, Inc., and Tuf-Tite® Corporation; other state-approved risers recommended by Infiltrator. Maximum riser height is as per the state-approval and riser manufacturer's installation instructions.
- **BACKFILL:** Backfill with suitable native soil. If native soil is unsuitable, replace unsuitable fraction with suitable soil. Suitable soil includes soil textural classes defined in the United States Department of Agriculture soil triangle. Suitable soil textural classes are based on the tank installation depth, as measured from finished grade to the top of tank. See detailed information on backfill suitability in the attached document(s).
- Additional information is included as attachment(s) to this letter; see attachment A, B, C and D.

This approval supersedes the approval issued on 1/4/2011 AND 12/2/2011 under product file number 20100475/20110394.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20100475/20110394.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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